Contents

Volume 148, Number 1, January

Topical review

1 The molecular genetics of the genodermatoses: progress to date and future directions
A.D.IRVINE AND W.H.I.MCLEAN

Original articles

Cutaneous Biology

14 Degradation of extracellular matrix components by defined proteinases from the greenbottle larva *Lucilia sericata* used for the clinical debridement of non-healing wounds
L.CHAMBERS, S.WOODROW, A.P.BROWN, P.D.HARRIS, D.PHILLIPS, M.HALL, J.C.T.CHURCH AND D.I.PRITCHARD

24 Isolation of a CD8αα+ CD4– tumour T-cell clone with cytotoxic activity from a CD4+ CD8– cutaneous T-cell lymphoma
M.NIKOLOVA, H.ECHCHAKIR, J.WECHSLER, L.BOUMSELL, A.BENSUSSAN AND M.BAGOT

30 Adrenomedullin: expression and possible role in human skin and hair growth
F.B.MÜLLER, S.MÜLLER-RÖVER, B.P.KORGE, S.KAPAS, J.P.HINSON AND M.P.PHILPOTT

39 Modulation of collagen synthesis and mRNA by continuous and intermittent use of topical hydrocortisone in human skin
P.NUUTINEN, R.RIEKKI, M.P.ARIKKA, T.SALO, P.AUTIO, J.RISTELI AND A.OIKARINEN

46 Effects of staphylococci on cytokine production from human keratinocytes
T.SASAKI, R.KANO, H.SATO, Y.NAKAMURA, S.WATANABE AND A.HASEGAWA

Clinical and Laboratory Investigations

51 Molecular strain typing of *Trichophyton rubrum* indicates multiple strain involvement in onychomycosis
A.YAZDANPARAST, C.J.JACKSON, R.C.BARTON AND E.G.V.EVANS

55 Chromosomal abnormalities in relation to clinical disease in patients with cutaneous T-cell lymphoma: a 5-year follow-up study
L.KARENKO, S.SARNA, M.KÄHKÖNEN AND A.RANKI

Contact Dermatitis and Allergy

65 Effects of skin occlusion in patch testing with sodium lauryl sulphate
K.FRIEBE, LEFFENDY AND H.LÖFFLER

70 Oral lichenoid reactions associated with amalgam: improvement after amalgam removal
A.DUNSCHE, I.KÄSTEL, H.TERHEYDEN, I.N.G.SPRINGER, E.CHRISTOPHERS AND J.BRASCH

Dermatological Surgery and Lasers

77 Pulsed dye laser treatment of telangiectasia after radiotherapy for carcinoma of the breast
S.W.LANIGAN AND T.JOANNIDES

80 Treatment of acquired junctional melanocytic naevi by Q-switched and normal mode ruby laser
W.WESTERHOF AND M.GAMEI

Dermatopathology

86 Hyaluronan, CD44 and versican in epidermal keratinocyte tumours
S.KARVINEN, V-M.KOSMA, M.I.TAMMI AND R.TAMMI

95 Melanocyte detachment after skin friction in non lesional skin of patients with generalized vitiligo
Y.GAUTHIER, M.CARIO-ANDRE, S.LEPREUX, C.PAIN AND A.TAÏEB

102 Lamin expression in normal human skin, actinic keratosis, squamous cell carcinoma and basal cell carcinoma
C.M.L.J.TILLI, F.C.S.RAMAEKERS, J.L.V.BROERS, C.J.HUTCHISON AND H.A.M.NEUMANN

Epidemiology and Health Services Research

110 Gender differences in rising trends in cutaneous malignant melanoma in Spain, 1975–98
A.NIETO, M.RUIZ-RAMOS, L.ABDEL-KADER, M.CONDE AND F.CAMACHO

117 Prevalence of atopic dermatitis in Japanese adults
T.MUTO, S.D.HSIEH, Y.SAKURAI, H.YOSHINAGA, H.SUTO, K.OKUMURA AND H.OGAWA

Photobiology

122 Histological changes and involvement of apoptosis after photodynamic therapy for actinic keratoses
H.NAKASEKO, M.KOBAYASHI, Y.AKITA, Y.TAMADA AND Y.MATSUMOTO

Therapeutics

128 Clinical dose and adverse effects of topical steroids in daily management of atopic dermatitis
M.FURUE, H.TERAO, W.RIKIHISA, K.URABE, N.KINUKAWA, Y.NOSE AND T.KOGA

134 Efficacy of betamethasone valerate mousse in comparison with standard therapies on scalp psoriasis: an open, multicentre, randomized, controlled, cross-over study on 241 patients
L.ANDREASSI, A.GIANNETTI AND M. MILANI ON BEHALF OF THE SCALE INVESTIGATORS GROUP

Concise communications

139 Alternative glucocorticoids for use in cases of adverse reaction to systemic glucocorticoids: a study on 10 patients
M.T.VENTURA, G.F.CALOGIURI, M.G.MATINO, M.DAGNELLO, R.BUQUICCHIO, C.FOTI AND R.DI CORATO

142 Valaciclovir as a single dose during prodrome of herpes facialis: a pilot randomized double-blind clinical trial
O.CHOSIDOW, Y.DROUAULT, R.GARRAFFO AND P. VEYSSIER, FOR THE VALACICLOVIR HERPES FACIALIS STUDY GROUP

147 Mycophenolate mofetil may serve as a steroid-sparing agent for sarcoidosis
D.J.KOUBA, D.MIMOUNI, A.RENCIC AND H.C.NOUSARI

Case reports

149 A novel homozygous mutation 371delA in *TGM1* leads to a classic lamellar ichthyosis phenotype
M.AKIYAMA, Y.TAKIZAWA, Y.SUZUKI AND H.SHIMIZU

154 An unusual form of primary systemic amyloidosis: amyloid elastosis: report of a case treated by haematopoietic cell transplantation
G.VECCHIETTI, I.MASOUYE, D.SALOMON, C.DOZIER, J-H.SAURAT, C.HELG AND L.BORRADORI

160 Congenital erythropoietic porphyria associated with myelodysplasia presenting in a 72-year-old man: report of a case and review of the literature
A.P.KONTOS, D.OZOG, C.BICHAKJIAN AND H.W.LIM

165 Localized lichen myxoedematosus (papular mucinosis) associated with morbid obesity: report of two cases
M.SÁEZ-RODRÍGUEZ, M.GARCÍA-BUSTÍNDUY, A.LÓPEZ-ALBA, A.NODA-CABRERA, F.GUIMERÁ-MARTÍN-NEDA, S.DORTA-ALOM, M.ESCODA-GARCÍA, E.FAGUNDO-GONZÁLEZ, R.SÁNCHEZ-GONZÁLEZ, A.MARTÍN-HERRERA AND R.GARCÍA-MONTELONGO

Clinical cameos

169 Why do I have psoriasis?
N.H.COX AND W.D.PATERSON

170 The Woronoff ring in psoriasis
S.VARMA AND A.Y.FINLAY

Correspondence

171 Irritant dermatitis due to prolonged contact with Oilatum Plus®
W.J.LOO, A.ALEXANDROFF AND N.P.BURROWS

172 Severe urticaria due to recombinant interferon beta-1a
L.MAZZEO, L.RICCIARDI, M.C.FAZIO, O.FOGLIANI, R.FEDELE, E.FERLAZZO AND S.ISOLA

172 Allergic contact dermatitis to broccoli
A.CHAKRABARTI, L.PRAIS AND I.S.FOULDS

173 Bilateral nail dystrophy associated with vibrating tool use
V.C.DIBA, S.A.HOLME, R.SAVAGE AND C.M.MILLS

174 Mycetoma caused by *Scytalidium dimidiatum*
S.AAMIR, S.AMAN AND T.S.HAROON

176 An audit of the use of self-administered adrenaline syringes in the east end of Glasgow
G.DAWN AND S.C.HOLMES

177 Erythromelalgia in a patient with idiopathic thrombocytopenic purpura
J.REY, E.CRÉTEL, R.JEAN AND J.M.DURAND

177 Bupropion and generalized acute urticaria: eight cases
S.FAYS, P.TRÉCHOT, J.L.SCHMUTZ, J.F.CUNY, F.TRUCHETET AND A.BARBAUD

178 Shiitake dermatitis
U.LIPPERT, V.MARTIN, C.SCHWERTFEGER, V.JUNGHANS, B.ELLINGHAUS AND T.FUCHS

180 Malignant proliferating trichilemmal tumour associated with human papillomavirus type 21 in epidermodysplasia verruciformis
S.MOTEGI, A.TAMURA, Y.ENDO, G.KATO, A.TAKAHASHI, I.NEGISHI AND O.ISHIKAWA

182 Detection of immediate-type reaction to the epitope of β-lactam antibiotics by the quick patch test
M.OI, T.SATOH, H.YOKOZEKI AND K.NISHIOKA

183 Merkel cell carcinoma composed of small, intermediate and squamous cell foci showing mutually exclusive expression of neuroendocrine markers and cytokeratin 20
H.HATTORI

185 Multiple dermatofibroma-like lesions in a human immunodeficiency virus-positive patient coinfected with visceral leishmaniasis
S.F.FORSYTH, S.D.LAWN, R.F.MILLER, J.J.R.FERNANDO, D.N.J.LOCKWOOD AND F.VEGA-LOPEZ

187 Pigmented wart showing fibrillar intracytoplasmic inclusion bodies
Y.HAGARI, N.YAMADA AND M.MIHARA

188 Localization of human β-defensin-2 and human neutrophil peptides in superficial folliculitis
T.OONO, W-K.HUH, Y.SHIRAFUJI, H.AKIYAMA AND K.IWATSUKI

Book reviews

191 Controversies and Conversations in Cutaneous Laser Surgery
REVIEWED BY R.J.BARLOW

191 Primer of Dermatopathology
REVIEWED BY D.SLATER

192 News and Notices

Volume 148, Number 2, February

Editorial

193 Quality of life measurements
I.K.TULLOCH AND A.D.ORMEROD

Topical Review

195 Basal cell carcinoma: a dermatopathological and molecular biological update
G.SALDANHA, A.FLETCHER AND D.N.SLATER

Cutaneous Biology

203 High level of thymus and activation-regulated chemokine in blister fluid and sera of patients with bullous pemphigoid
T.KAKINUMA, M.WAKUGAWA, K.NAKAMURA, H.HINO, K.MATSUSHIMA AND K.TAMAKI

211 Selective cyclooxygenase-2 inhibition does not affect the healing of cutaneous full-thickness incisional wounds in SKH-1 mice
E.A.G.BLOMME, K.S.CHINN, M.M.HARDY, J.I.CASLER, S.H.KIM, A.C.OPSAHL, W.A.HALL, D.TRAJKOVIC, K.N.KHAN AND C.S.TRIPP

224 Pattern analysis of human cutaneous mast cell populations by total body surface mapping
A.WEBER, J.KNOP AND M.MAURER

229 Antimicrobial photodynamic therapy: assessment of genotoxic effects on keratinocytes *in vitro*
B.ZEINA, J.GREENMAN, D.CORRY AND W.M.PURCELL

233 Psoriasis patients who are homozygous for the HLA-Cw*0602 allele have a 2·5-fold increased risk of developing psoriasis compared with Cw6 heterozygotes
J.E.GUDJONSSON, A.KARASON, A.ANTONSDOTTIR, E.H.RUNARSDOTTIR, V.B.HAUKSSON, R.UPMANYU, J.GULCHER, K.STEFANSSON AND H.VALDIMARSSON

236 Wound healing effects of porcine placental extracts on rats with thermal injury
C-H.WU, G-Y.CHANG, W-C.CHANG, C-T.HSU AND R-S.CHEN

Clinical and Laboratory Investigations

246 Rare occurrence of CD30+ circulating cells in patients with cutaneous CD30+ anaplastic large cell lymphoma: a study of nine patients
O.DEREURE, P.PORTALES, M.BALAVOINE, P.CORBEAU, B.GUILLOT, J.CLOT AND J-J.GUILHOU

252 Comparison of diagnostic accuracy for cutaneous malignant melanoma between general dermatology, plastic surgery and pigmented lesion clinics
J.E.OSBORNE, T.A.CHAVE AND P.E.HUTCHINSON

Contact Dermatitis and Allergy

259 The British standard series of contact dermatitis allergens: validation in clinical practice and value for clinical governance
J.E.R.BRITTON, S.M.WILKINSON, J.S.C.ENGLISH, D.J.GAWKRODGER, A.D.ORMEROD, J.E.SANSOM, S.SHAW AND B.ST.ATHAM

Dermatopathology

265 Minimal residual disease in mycosis fungoides follow-up can be assessed by polymerase chain reaction
E.POSZEPCZYNSKA-GUIGNE, M.BAGOT, J.WECHSLER, J.REVUZ, J-P.FARCET AND M-H.DELFAU-LARUE

272 Computerized morphometry and three-dimensional image reconstruction in the evaluation of scalp biopsy from patients with non-cicatricial alopecias
D.T.SHUM, H.LUI, M.MARTINKA, O.BERNARDO AND J.SHAPIRO

Epidemiology and Health Services Research

279 Dermatology Life Quality Index: influence of an illustrated version
W.J.LOO, V.DIBA, M.CHAWLA AND A.Y.FINLAY

285 The Children's Dermatology Life Quality Index: validation of the cartoon version
S.A.HOLME, I.MAN, J.L.SHARPE, P.J.DYKES, M.S.LEWIS-JONES AND A.Y.FINLAY

Photobiology

291 Alterations in human epidermal Langerhans cells by ultraviolet radiation: quantitative and morphological study
S.SEITÉ, H.ZUCCHI, D.MOYAL, S.TISON, D.COMPAN, F.CHRISTIAENS, A.GUENICHE AND A.FOURTANIER

300 The effect of ultraviolet radiation exposure on the prevalence of mast cells in human skin
M.A.GRIMBALDESTON, A.SIMPSON, J.J.FINLAY-JONES AND P.H.HART

Therapeutics

307 Randomized, double-blind, placebo-controlled trial of autologous blood therapy for atopic dermatitis
M.H.PITTLER, N.C.ARMSTRONG, A.CON, P.M.COLLIER, A.HART AND E.ERNST

314 A randomized, placebo-controlled, double-blind trial of ondansetron in renal itch
M.MURPHY, D.REAICH, P.PAI, P.FINN AND A.J.CARMICHAEL

318 The combination of calcipotriol and methotrexate compared with methotrexate and vehicle in psoriasis: results of a multicentre placebo-controlled randomized trial
E.M.G.J.DE JONG, N.J.MØRK, M.M.B.SEIJGER, M.DE LA BRASSINE, J.LAUHARANTA, C.T.JANSEN, J.J.GUILHOU, B.GUILLOT, A.OSTROJIC, P.SOUTEYRAND, L.VAILLANT, L.BARNES, S.ROGERS, M.R.KLABER AND P.C.M.VAN DE KERKHOF

326 Intra-individual comparison of the cutaneous safety and efficacy of calcitriol 3 μg g^{-1} ointment and calcipotriol 50 μg g^{-1} ointment on chronic plaque psoriasis localized in facial, hairline, retroauricular or flexural areas
J.P.ORTONNE, P.HUMBERT, J.F.NICOLAS, N.TSANKOV, S.D.TONEV, A.JANIN, J.CZERNIELEWSKI, M.LAHFA AND L.DUBERTRET

Concise communications

334 Direct stimulatory effect of low-intensity 670 nm laser irradiation on human endothelial cell proliferation
A.SCHINDL, H.MERWALD, L.SCHINDL, C.KAUN AND J.WOJTA

337 A possible paracrine hedgehog signalling pathway in neurofibromas from patients with neurofibromatosis type 1
H.ENDO, A.UTANI, F.MATSUMOTO, T.KUROKI, S.YOSHIMOTO, M.ICHINOSE AND H.SHINKAI

Case reports

342 Cutis marmorata telangiectatica congenita and extensive mongolian spots: type 5 phacomatosis pigmentovascularis
A.TORRELO, A.ZAMBRANO AND R.HAPPLE

346 Erythroderma: an unusual presentation of pulmonary tuberculosis
Y-C.CHAN AND G.YOSIPOVITCH

349 Erythrodermic syringotropic cutaneous T-cell lymphoma
A.AH-WENG, S.R.HOWATSON, J.R.GOODLAD, M.C.PATEL AND G.GUPTA

353 Efficacy of topical tacrolimus for treating the malar rash of systemic lupus erythematosus
T.KANEKURA, N.YOSHII, K.TERASAKI, H.MIYOSHI AND T.KANZAKI

357 Nodular sclerotic change in dermatofibrosarcoma protuberans: a potential diagnostic problem
H.HATTORI

Clinical cameos

361 An unusual clinical pattern of cutaneous metastasis: target-like lesions
O.DEREURE, J-J.GUILHOU AND B.GUILLOT

362 Cheilitis glandularis: a rare entity
S.VERMA

Correspondence

363 An unusual variant of granulomatous adnexotropic cutaneous T-cell lymphoma
A.GARCOVICH, S.GARCOVICH AND G.MASSI

365 Comparison of melanocytic naevi with photographs, a recommended method
R.MARKS

365 Antibiotic-resistant *Propionibacteria acnes* may not be the major issue clinically or microbiologically in acne
C.N.BURKHART AND C.G.BURKHART

366 Propionibacterial biofilms cannot explain antibiotic resistance but might contribute to some cases of antibiotic recalcitrant acne
T.COATES, A.EADY AND J.COVE

367 Squamous cell carcinoma in a patient with non-bullous congenital ichthyosiform erythroderma
K.ARITA, M.AKIYAMA, Y.TSUJI, F.IWAO, K.KODAMA AND H.SHIMIZU

369 A case of subcutaneous sparganosis: therapeutic assessment by an indirect immunofluorescence antibody titration using sections of the worm body obtained from the patient
S.KIMURA, M.KASHIMA, Y.KAWA, F.NAKAMURA, Y.NAWA, K.TAKAI AND M.MIZOGUCHI

371 Audit of basal cell carcinoma: registration practice
N.M.MCLOONE, R.J.MIDDLETON, A.T.GAVIN, M.WALSH AND O.M.DOLAN

372 Late (> 10 years) recurrence of melanoma: the Scottish experience
J.A.LEMAN AND R.M.MacKIE

373 Dermatology Life Quality Index score in vitiligo and its impact on the treatment outcome
D.PARSAD, R.PANDHI, S.DOGRA, A.J.KANWAR AND B.KUMAR

374 Oral lichen planus: diagnostic immunofluorescence testing on routine histological material
G.KOLDE, C.WESENDAHL, H.STEIN AND P.A.REICHART

376 Severe pruritus in a haemodialysed patient: dramatic improvement with granisetron
M.P.ALBARES, I.BETLLOCH, J.GUIJARRO, G.VERGARA, J.C.PASCUAL AND R.BOTELLA

377 *Borrelia afzelii* evidenced by polymerase chain reaction in a biopsy of nipple lymphocytoma
P-D.GHISLAIN, S.WOESTYN, D.TENNSTEDT, J-M.LACHAPELLE, G.BIGAIGNON AND M.DELMÉE

379 Arterial embolization caused by injection of hyaluronic acid (Restylane)
N.J.LOWE

379 Arterial embolization caused by injection of hyaluronic acid (Restylane): reply from authors
S.SCHANZ AND G.FIERLBECH

380 Prevalence of hypertension among patients with atopic dermatitis
W.ABRAMOVITS, L.STEVENSON, M.M.PRENDERGAST AND K.TONG

380 Prevalence of hypertension among patients with atopic dermatitis: reply from author
M.UEHARA

380 The early erosive vesicular stage of lipoid proteinosis: clinical and histopathological features
T.I.KAYA, U.TURSEN, A.KOKTURK, G.IKIZOGLU AND D.DUSMEZ

Book reviews

383 Color Textbook of Pediatric Dermatology
REVIEWED BY A.TAYLOR

383 PDQ Oral Disease. Diagnosis and Management
REVIEWED BY K.HARMAN

384 News and Notices

Volume 148, Number 3, March

Editorial

385 New CD56 positive and cytotoxic T-cell cutaneous lymphomas from the World Health Organisation
D.N.SLATER

Topical Review

388 Causes, investigation and treatment of leg ulceration
J.R.MEKKES, M.A.M.LOOTS, A.C.VAN DER WAL AND J.D.BOS

402 Guidelines for treatment of onychomycosis
D.T.ROBERTS, W.D.TAYLOR AND J.BOYLE

Cutaneous Biology

411 Decreased cutaneous expression of stem cell factor and of the p75NGF receptor in urticaria
B.HERMES, T.ZUBERBIER, N.HAAS AND B.M.HENZ

418 A study of candidate genes for psoriasis near HLA-C in Chinese patients with psoriasis
Y.T.CHANG, S.F.TSAI, D.D.LEE, Y.M.SHIAO, C.Y.HUANG, H.N.LIU, W.J.WANG AND C.K.WONG

424 Early vitronectin receptor downregulation in a melanoma cell line during all-*trans* retinoic acid-induced apoptosis
A.BARONI, I.PAOLETTI, I.SILVESTRI, E.BUOMMINO AND M.V.CARRIERO

434 The role of stratum corneum and dermal microvascular perfusion in penetration and tissue levels of water-soluble drugs investigated by microdialysis
C.J.MORGAN, A.G.RENWICK AND P.S.FRIEDMANN

444 Beneficial effects of fumarate therapy in psoriasis vulgaris patients coincide with downregulation of type 1 cytokines
N.H.R.LITJENS, P.H.NIBBERING, A.J.BARROIS, T.P.L.ZOMERDIJK, A.C.VAN DEN OUDENRIJN, K.C.NOZ, M.RADEMAKER, P.H.VAN DE MEIDE, J.T.VAN DISSEL AND B.THIO

452 Keratin 17 mutation in pachyonychia congenita type 2 with early onset sebaceous cysts
Y-G.FENG, S-X.XIAO, X-R.REN, W-Q.WANG, A.LIU AND M.PAN

456 Anaerobic cocci populating the deep tissues of chronic wounds impair cellular wound healing responses *in vitro*
P.STEPHENS, I.B.WALL, M.J.WILSON, K.E.HILL, C.E.DAVIES, C.M.HILL, K.G.HARDING AND D.W.THOMAS

Clinical and Laboratory Investigations

467 Antibiotic-resistant acne: lessons from Europe
J.I.ROSS, A.M.SNELLING, E.CARNEGIE, P.COATES, W.J.CUNLIFFE, V.BETTOLI, G.TOSTI, A.KATSAMBAS, J.I.GALVAN PERÉZ DEL PULGAR, O.ROLLMAN, L.TÖRÖK, E.A.EADY AND J.H.COVE

479 Atopy patch test reactions to *Malassezia* allergens differentiate subgroups of atopic dermatitis patients
C.JOHANSSON, M.H.SANDSTRÖM, J.BARTOSIK, T.SÄRNHULT, J.CHRISTIANSEN, A.ZARGARI, O.BÄCK, C.F.WAHLGREN, J.FAERGEMANN, A.SCHEYNIUS AND M.TENGVALL LINDER

489 Erosive pustular dermatosis of the leg associated with compression bandaging and fungal infection
G.DAWN, M.LONEY, M.ZAMIRI, F.SHAFFRALI, M.URCELAY, M.PATEL, S.R.HOWATSON AND W.S.DOUGLAS

493 Skin diseases associated with the cosmetic use of bleaching products in women from Dakar, Senegal
A.MAHÉ, F.LY, G.AYMARD AND J.M.DANGOU

501 Clinical and aetiological aspects in urticaria and angio-oedema
E.NETTIS, A.PANNOFINO, C.D'APRILE, A.FERRANNINI AND A.TURSI

507 Blastic natural killer cell and extranodal natural killer cell-like T-cell lymphoma presenting in the skin: report of six cases from the U.K.
F.J.CHILD, T.J.MITCHELL, S.J.WHITTAKER, E.CALONJE, M.SPITTLE, J.CROCKER AND R.RUSSELL-JONES

516 Subcutaneous panniculitis-like T-cell lymphoma: a clinicopathological, immunophenotypic and molecular analysis of six patients
S.R.HOQUE, F.J.CHILD, S.J.WHITTAKER, S.FERREIRA, G.ORCHARD, K.JENNER, M.SPITTLE AND R.RUSSELL-JONES

Dermatopathology

526 Confocal laser scanning microscopic observation of glycocalyx production by *Staphylococcus aureus* in skin lesions of bullous impetigo, atopic dermatitis and pemphigus foliaceus
H.AKIYAMA, T.HAMADA, W-K.HUH, O.YAMASAKI, T.OONO, W.FUJIMOTO AND K.IWATSUKI

533 Widespread expression of parathyroid hormone-related peptide in melanocytic cells
T.KAGESHITA, T.ISHIHARA, H.TOKUO, Y.FUNASAKA, M.ICHIHASHI, J.DONG, M.NAKAJIMA AND T.ONO

Therapeutics

539 Randomized comparison of photodynamic therapy with topical 5-fluorouracil in Bowen's disease
A.SALIM, J.A.LEMAN, J.H.MCCOLL, R.CHAPMAN AND C.A.MORTON

544 Suppression of insulin-like growth factor signalling pathway and collagen expression in keloid-derived fibroblasts by quercetin: its therapeutic potential use in the treatment and/or prevention of keloids
T.T.PHAN, P.SEE, E.TRAN, T.T.T.NGUYEN, S.Y.CHAN, S.T.LEE AND H.HUYNH

Concise communications

553 Compound heterozygosity for mutations in the hairless gene causes atrichia with papular lesions
M.INDELMAN, R.BERGMAN, G.G.LESTRINGANT, G.PEER AND E.SPRECHER

558 Observer agreement in recording the clinical signs of nail disease and the accuracy of a clinical diagnosis of fungal and non-fungal nail disease
C.L.FLETCHER, R.J.HAY AND N.C.SMEETON

Case reports

563 Scleromyxoedema-like changes in four renal dialysis patients
V.HUBBARD, A.DAVENPORT, M.JARMULOWICZ AND M.RUSTIN

569 Malignant melanoma in an 8-year-old Caribbean girl: diagnostic criteria and utility of sentinel lymph node biopsy
A.J.DURRANI, G.C.MOIR, S.J.DIAZ-CANO AND R.CERIO

573 Successful treatment by double-filtration plasmapheresis of a patient with bullous pemphigoid: effects *in vivo* on transcripts of several genes for chemokines and cytokines in peripheral blood mononuclear cells
Y.HATANO, K.KATAGIRI, S.ARAKAWA, T.UMEKI, S.TAKAYASU AND S.FUJIWARA

580 Pyogenic lymphoma of the skin: a peculiar variant of primary cutaneous neutrophil-rich CD30+ anaplastic large-cell lymphoma. Clinicopathological study of four cases and review of the literature
G.BURG, W.KEMPF, D.V.KAZAKOV, R.DUMMER, P.J.FROSCH, S.I.ANGELONESCU, T.NISHIKAWA AND M.E.KADIN

587 Facial lichen striatus: successful treatment with tacrolimus ointment
N.FUJIMOTO, S.TAJIMA AND A.ISHIBASHI

Clinical cameos

591 Mycosis fungoides presenting as annular erythema
D.S.LIM, G.M.MURPHY AND C.A.EGAN

592 Keratoacanthoma developing in hypertrophic lichen planus
T.A.CHAVE AND R.A.C.GRAHAM-BROWN

Correspondence

593 Two new adverse effects of isotretinoin
K.CHARALABOPOULOS, V.PAPALIMNEOU, A.CHARALABOPOULOS AND J.HATZIS

593 Erosive pustular dermatosis of the scalp successfully treated with calcipotriol cream
M.J.BOFFA

595 Straight hair associated with interferon alfa plus ribavirin in hepatitis C infection
S.W.LANIGAN

595 Successful treatment of amyopathic dermatomyositis with topical tacrolimus
M.UEDA, R.MAKINODAN, M.MATSUMURA AND M.ICHIHASHI

596 Collagenoma in Down syndrome
Y.TOGAWA, G.NOHIRA, H.SHINKAI AND A.UTANI

597 Trichofolliculoma: case report with immunohistochemical study of cytokeratins
I.KUROKAWA, S.NISHIJIMA, K.KUSUMOTO, H.SENSAKI, N.SHIKATA AND A.TSUBURA

599 Hydroxyurea-induced foot ulcer successfully treated with a topical basic fibroblast growth factor product
Y.ARAGANE, T.OKAMOTO, A.YAJIMA, R.ISOGAI, A.KAWADA AND T.TEZUKA

600 Raman spectroscopy analysis of protein structure of hair in patients with trichothiodystrophy
M.OSADA, M.GNIADECKA, F.BRANDRUP, L.KJÆRSGÅRD HANSEN AND H.C.WULF

601 Schnitzler's syndrome: successful treatment of two patients using thalidomide
M.WORM AND G.KOLDE

602 Treatment of pemphigus vulgaris with anti-CD20 monoclonal antibody (rituximab)
G.HERRMANN, A.ENGERT AND N.HUNZELMANN

603 Flutamide-induced photosensitivity: is it a forme fruste of lupus?
C.KAUR AND G.P.THAMI

604 The selective cyclooxygenase-2 inhibitor rofecoxib may improve the treatment of chronic idiopathic urticaria
W-H.BOEHNCKE, R.J.LUDWIG, T.M.ZOLLNER, F.OCHSENDORF, R.KAUFMANN AND B.F.GIBBS

606 Liposomal doxorubicin in the treatment of metastasized angiosarcoma
V.WALDMANN

606 Adenolipoma of the lip
F.IDE, K.MISHIMA AND I.SAITO

607 Reducing skin cancer mortality by 2010: lessons from children's sunburn
L.HORSLEY, A.CHARLTON AND C.WATERMAN

608 The 2-week wait: to BCC or not to BCC?
A.D.MORRIS AND B.C.GEE

609 Clopidogrel bisulphate-induced photosensitive lichenoid eruption: first report
S.DOGRA AND A.J.KANWAR

Book review

610 Atopic Dermatitis
REVIEWED BY J.M. HANIFIN

611 News and Notices

612 BJD reviewers: January 2002–December 2002

618 Programme and Abstracts of the Twelfth Meeting of BEES (British Epidermo-Epidemiology Society)

Volume 148, Number 4, April

Editorial

621 The British Association of Dermatologists therapeutic guidelines: can we AGREE?
N.H.COX AND H.C.WILLIAMS

Topical review

626 Ultraviolet A1 phototherapy
R.S.DAWE

Cutaneous Biology

638 Mutational analysis of *CDKN2A* genes in patients with squamous cell carcinoma of the skin
Z.SARIDAKI, T.LILOGLOU, A.ZAFIROPOULOS, E.KOUMANTAKI, O.ZORAS AND D.A.SPANDIDOS

649 Novel mutations in *GJB2* encoding connexin-26 in Japanese patients with keratitis–ichthyosis–deafness syndrome
S.YOTSUMOTO, T.HASHIGUCHI, X.CHEN, N.OHTAKE, A.TOMITAKA, H.AKAMATSU, K.MATSUNAGA, S.SHIRAISHI, H.MIURA, J.ADACHI AND T.KANZAKI

654 Identification of novel genes for secreted and membrane-anchored proteins in human keratinocytes
M.BONKOBARA, A.DAS, J.TAKAO, P.D.CRUZ AND K.ARIIZUMI

665 Association of *SPINK5* gene polymorphisms with atopic dermatitis in the Japanese population
A.KATO, K.FUKAI, N.OISO, N.HOSOMI, T.MURAKAMI AND M.ISHII

670 Normal keratinocytes express Toll-like receptors (TLRs) 1, 2 and 5: modulation of TLR expression in chronic plaque psoriasis
B.S.BAKER, J-M.OVIGNE, A.V.POWLES, S.CORCORAN AND L.FRY

680 Expression of NF-κB in epidermis and the relationship between NF-κB activation and inhibition of keratinocyte growth
J.TAKAO, T.YUDATE, A.DAS, S.SHIKANO, M.BONKOBARA, K.ARIIZUMI AND P.D.CRUZ JR

689 The mechanism of epidermal hyperpigmentation in café-au-lait macules of neurofibromatosis type 1 (von Recklinghausen's disease) may be associated with dermal fibroblast-derived stem cell factor and hepatocyte growth factor
M.OKAZAKI, K.YOSHIMURA, Y.SUZUKI, G.UCHIDA, Y.KITANO, K.HARII AND G.IMOKAWA

Clinical and Laboratory Investigations

698 Diagnosis of pigmented skin lesions by dermoscopy: web-based training improves diagnostic performance of non-experts
G.P.AGNANELLI, H.P.SOYER, G.ARGENZIANO, R.TALAMINI, R.BARBATI, L.BIANCHI, E.CAMPIONE, L.CARBONI, A.M.CARROZZO, M.S.CHIMENTI, I.DE SIMONI, V.FALCOMATÀ, I.F.NETO, F.FRANCESCONI, A.GINEBRI, J.HAGMAN, G.C.MARULLI, F.PALAMARA, A.P.VIDOLIN, P.PIEMONTE, R.SODA AND S.CHIMENTI

703 Local recurrence in melanoma *in situ*: influence of sex, age, site of involvement and therapeutic modalities
I.ZALAUDEK, M.HORN, E.RICHTIG, S.HÖDL, H.KERL AND J.SMOLLE

709 The relevance of peripheral blood T-helper 1 and 2 cytokine pattern in the evaluation of patients with mycosis fungoides and Sézary syndrome
E.PAPADAVID, J.ECONOMIDOU, A.PSARRA, V.KAPSIMALI, V.MANTZANA, C.ANTONIOU, K.LIMAS, A.STRATIGOS, N.STAVRIANEAS, G.AVGERINOU AND A.KATSAMBAS

719 Misdiagnosis of hereditary angio-oedema type 1 and type 2
M.M.GOMPELS, R.J.LOCK, D.J.UNSWORTH, S.L.JOHNSTON, C.B.ARCHER AND S.V.DAVIES

724 Thirteen-megahertz ultrasound probe: its role in diagnosing localized scleroderma
A.COSNES, M-C.ANGLADE, J.REVUZ AND C.RADIER

730 Clinicopathological and genotypic aspects of anticonvulsant-induced pseudolymphoma syndrome
T.S.CHOI, K.S.DOH, S.H.KIM, M.S.JANG, K.S.SUH AND S.T.KIM

Contact Dermatitis and Allergy

737 Natural rubber latex allergy in a health-care population in Wales
M.M.U.CHOWDHURY AND B.N.STATHAM

741 Lichenoid reactions of murine mucosa associated with amalgam
A.DUNSCHE, M.P.FRANK, J.LÜTTGES, Y.AÇIL, J.BRASCH, E.CHRISTOPHERS AND I.N.G.SPRINGER

Dermatopathology

749 Histopathological diagnosis of onychomycosis by periodic acid–Schiff-stained nail clippings
E-M.REISBERGER, C.ABELS, M.LANDTHALER AND R-M.SZEIMIES

755 The expression of nectin-1α in normal human skin and various skin tumours
H.MATSUSHIMA, A.UTANI, H.ENDO, H.MATSUURA, M.KAKUTA, Y.NAKAMURA, N.MATSUYOSHI, C.MATSUI, H.NAKANISHI, Y.TAKAI AND H.SHINKAI

Photobiology

763 Assessment of thickness of photoprotective lipsticks and frequency of reapplication: results from a laboratory test and a field experiment
H.MAIER, G.SCHAUBERGER, K.BRUNNHOFER AND H.HÖNIGSMANN

770 Decreased expression of keratinocyte β1 integrins in chronically sun-exposed skin *in vivo*
S.BOSSET, M.BONNET-DUQUENNOY, P.BARRÉ, A.CHALON, K.LAZOU, R.KURFURST, F.BONTÉ, S.SCHNEBERT, F.DISANT, B.LE VARLET AND J.F.NICOLAS

Therapeutics

779 Calcitriol vs. dithranol in combination with narrow-band ultraviolet B (311 nm) in psoriasis
U.B.HOFMANN, A.A.O.EGGERT, E-B.BRÖCKER AND M.GOEBELER

Concise communications

784 Alefacept therapy produces remission for patients with chronic plaque psoriasis
G.G.KRUEGER AND C.N.ELLIS

789 Cutaneous polyarteritis nodosa in patients presenting with atrophie blanche
D.MIMOUNI, P.P.NG, A.RENCIC, O.V.NIKOLSKAIA, B.D.BERNSTEIN AND H.C.NOUSARI

795 Expression of cyclooxygenase type 2 in lepromatous and tuberculoid leprosy lesions
A.E.C.KISZEWSKI, E.BECERRIL, J.BAQUERA, R.RUIZ-MALDONADO AND R.HERNÁNDEZ PANDO

Case reports

799 Increased procollagen α1(I) mRNA expression by dermal fibroblasts in melorheostosis
H.ENDO, A.KATSUMI, K.KURODA, A.UTANI, H.MORIYA AND H.SHINKAI

804 Multiple unilateral schwannomas: segmental neurofibromatosis type 2 or schwannomatosis?
M.LEVERKUS, L.KLUWE, E-M.RÖLL, G.BECKER, E-B.BRÖCKER, V.F.MAUTNER AND H.HAMM

810 Hodgkin lymphoma in a patient with mycosis fungoides: molecular evidence for separate cellular origins
R.U.SIDWELL, J.E.MCLAUGHLIN, A.JONES AND S.J.WHITTAKER

813 Infliximab for peristomal pyoderma gangrenosum
D.MIMOUNI, G.J.ANHALT, D.J.KOUBA AND H.C.NOUSARI

817 Idiopathic hypereosinophilic syndrome associated with cutaneous infarction and deep venous thrombosis
S.NARAYAN, F.EZUGHAH, G.R.STANDEN, J.P.AWADE AND C.T.C.KENNEDY

Clinical cameos

821 Periocular ecthyma gangrenosum in a diabetic patient
A.C.INAMADAR, A.PALIT, S.B.ATHANIKAR, V.V.SAMPAGAVI AND N.S.DESHMUKH

822 Activation of mast cells by silver particles in a patient with localized argyria due to implantation of acupuncture needles
M.KAKURAI, T.DEMITSU, N.UMEMOTO, M.OHTSUKI AND H.NAKAGAWA

Correspondence

823 Pyogenic granuloma within unilateral dermatomal superficial telangiectasia
J.MAZEREEUW-HAUTIER, I.THIBAUT AND J-L.BONAFE

824 Successful treatment of inflammatory linear verrucous epidermal naevus with topical natural vitamin D_3 (calcitriol)
M.BÖHM, T.A.LUGER AND H.TRAUPE

825 Successful combined surgical and octreotide treatment of severe pretibial myxoedema reviewed after 9 years
J.FELTON, E.K.DERRICK AND M.L.PRICE

826 The suppression of primary palmar-plantar hyperhidrosis by topiramate
D.B.OWEN AND J.J.MEFFERT

827 The possible role of dartoic muscle degeneration in the pathogenesis of idiopathic scrotal calcinosis
U.PABUÇCUOĞLU, M.Ş.CANDA, M.GÜRAY, A.KEFİ AND E.CANDA

829 Topical tacrolimus for cutaneous lupus erythematosus
C.A.CHAMBERS

829 Topical tacrolimus for cutaneous lupus erythematosus: reply from authors
S.L.WALKER, B.KIRBY AND R.J.G.CHALMERS

829 Tumour necrosis factor-related apoptosis-inducing ligand expression in atopic dermatitis
P.WARNNISSORN, A.NAKAO, H.SUTO, H.USHIO, N.YAMAGUCHI, H.YAGITA, K.OKUMURA AND H.OGAWA

831 Carcinoma with eccrine differentiation arising in a seborrhoeic keratosis
C.MIRACCO, G.ANGELONI, F.MIRACCO AND L.PIRTOLI

833 Topical tacrolimus (FK506) for relapsing erosive stomatitis in paraneoplastic pemphigus
G.VECCHIETTI, K.KERL, A.HÜGLI, J.SAMSON AND L.BORRADORI

834 Nail-destroying epithelioid haemangioendothelioma showing an erythematous scar-like appearance on the finger
K.KIKUCHI, M.WATANABE, T.TERUI, N.OHTANI, H.OHTANI AND H.TAGAMI

836 Phakomatosis pigmentovascularis type IIb with a patent umbilical vein and inferior vena cava hypoplasia
P.Y.LO AND T.Y.TZUNG

838 Pemphigus foliaceus in an 11-year-old boy with dermatomyositis: simple coincidence or familial immunological background?
J.NARBUTT, J.D.TORZECKA, A.SYSA-JĘDRZEJOWSKA AND H.H.PAS

839 Water loss through the lip, nail, eyelid skin, scalp skin and axillary skin measured with a closed-chamber evaporation principle
J.NUUTINEN, J.HARVIMA, M-R.LAHTINEN AND T.LAHTINEN

Book review

841 Conditioning Agents for Hair and Skin
J.BERTH-JONES

842 News and Notices

843 Abstracts of the British Society for Investigative Dermatology (BSID) and the British Contact Dermatitis group (BCDG)

Volume 148, Number 5, May

Topical review

871 Dirt, worms and atopic dermatitis
C.FLOHR

Meeting report

878 Updates from the Third International Congress on Psoriasis: From Gene to Clinic, The Royal College of Physicians, London, U.K., 21–23 cNovember 2002
R.D.R.CAMP

Cutaneous Biology

885 Expression of T-cell activation marker CD134 (OX40) in lymphomatoid papulosis
R.GNIADECKI AND K.ROSSEN

892 Expression of the *GLI2* oncogene and its isoforms in human basal cell carcinoma
M.TOJO, H.KIYOSAWA, K.IWATSUKI, K.NAKAMURA AND F.KANEKO

898 Differential expression of cornified cell envelope precursors in normal skin, intraorally transplanted skin and normal oral mucosa
F.KATOU, N.SHIRAI, S.KAMAKURA, H.TAGAMI, H.NAGURA AND K.MOTEGI

906 Chemical peeling with salicylic acid in polyethylene glycol vehicle suppresses skin tumour development in hairless mice
T.DAINICHI, S.UEDA, M.ISODA, T.KOGA, N.KINUKAWA, Y.NOSE, K.ISHII, S.AMANO, I.HORII AND M.FURUE

913 Oxidative stress in malignant melanoma and non-melanoma skin cancer
C.S.SANDER, F.HAMM, P.ELSNER AND J.J.THIELE

923 Maggots and wound healing: an investigation of the effects of secretions from *Lucilia sericata* larvae upon interactions between human dermal fibroblasts and extracellular matrix components
A.J.HOROBIN, K.M.SHAKESHEFF, S.WOODROW, C.ROBINSON AND D.I.PRITCHARD

Clinical and Laboratory Investigations

934 Lichen sclerosus is frequently present in penile squamous cell carcinomas but is not always associated with oncogenic human papillomavirus
G.PERCEAU, C.DERANCOURT, C.CLAVEL, A.DURLACH, M.PLUOT, B.LARDENNOIS AND P.BERNARD

939 Human placental amnion is a novel substrate for detecting autoantibodies in autoimmune bullous diseases by immunoblotting
N.OYAMA, B.S.BHOGAL, P.CARRINGTON, M.J.GRATIAN AND M.M.BLACK

945 The cellular origins of the linear IgA disease target antigens: an indirect immunofluorescence study using cultured human keratinocytes and fibroblasts
J.ALLEN, T.T.PHAN, M.A.HUGHES, G.W.CHERRY AND F.WOJNAROWSKA

954 Subclinical activation of latent cytomegalovirus (CMV) infection and anti-CMV immune response in patients with atopic dermatitis
W-D.DÖCKE, C.KIESSLING, M.WORM, M.FRIEDRICH, A.PRUSS, M.WEITZ, S.PRÖSCH, F.KERN, H-D.VOLK, W.STERRY AND K.ASADULLAH

Dermatopathology

964 Expression of β-catenin in basal cell carcinoma
M.EL-BAHRAWY, N.EL-MASRY, M.ALISON, R.POULSOM AND M.FALLOWFIELD

971 Reduced expression of actin-binding proteins, h-caldesmon and calponin h1, in the vascular smooth muscle inside melanoma lesions: an adverse prognostic factor for malignant melanoma
Y.KOGANEHIRA, M.TAKEOKA, T.EHARA, K.SASAKI, H.MURATA, T.SAIDA AND S.TANIGUCHI

Education

981 Pattern analysis, not simplified algorithms, is the most reliable method for teaching dermoscopy for melanoma diagnosis to residents in dermatology
P.CARLI, E.QUERCIOLI, S.SESTINI, M.STANTE, L.RICCI, G.BRUNASSO AND V.DE GIORGI

Epidemiology and Health Services Research

985 Scalp ringworm in south-east London and an analysis of a cohort of patients from a paediatric dermatology department
L.C.FULLER, F.C.CHILD, G.MIDGLEY AND E.M.HIGGINS

989 The impact of skin diseases on patients: comparing dermatologists' opinions with research data collected on their patients
F.SAMPOGNA, A.PICARDI, C.F.MELCHI, P.PASQUINI AND D.ABENI

Photobiology

996 The effects of ultraviolet B treatment on the expression of adhesion molecules by circulating T lymphocytes in psoriasis
H.SIGMUNDSDOTTIR, J.E.GUDJONSSON AND H.V.ALDIMARSSON

1001 Effects of selenium compounds on induction of DNA damage by broadband ultraviolet radiation in human keratinocytes
T.S.RAFFERTY, M.H.L.GREEN, J.E.LOWE, C.ARLETT, J.A.A.HUNTER, G.J.BECKETT AND R.C.MCKENZIE

Therapeutics

1010 Short-term effects of topical fusidic acid or mupirocin on the prevalence of fusidic acid resistant (Fus^R) *Staphylococcus aureus* in atopic eczema
J.C.RAVENSCROFT, A.M.LAYTON, E.A.EADY, M.S.MURTAGH, P.COATES, M.WALKER AND J.H.COVE

1018 High levels of fusidic acid-resistant *Staphylococcus aureus* in dermatology patients
M.SHAH AND M.MOHANRAJ

Concise communications

1021 Increased innervation of the vulval vestibule in patients with vulvodynia
P.TYMPANIDIS, G.TERENGHI AND P.DOWD

1028 Dermatofibrosarcoma protuberans with *COL1A1* (exon 18)–*PDGFB* (exon 2) fusion transcript
H.SAEKI, H.OHMATSU, T.HOASHI, N.ASANO, T.IDEZUKI, Y.KAWABATA, A.ASAHINA, K.KIKUCHI AND K.TAMAKI

Case reports

1032 Drug-induced hypersensitivity syndrome associated with Epstein–Barr virus infection
V.DESCAMPS, E.MAHE, N.HOUHOU, L.ABRAMOWITZ, F.ROZENBERG, S.RANGER-ROGEZ AND B.CRICKX

1035 Slow acetylator genotypes as a possible risk factor for infectious mononucleosis-like syndrome induced by salazosulfapyridine
T.OHTANI, A.HIROI, M.SAKURANE AND F.FURUKAWA

1040 Cowden's disease: clinical and molecular genetic findings in a patient with a novel *PTEN* germline mutation
J.REIFENBERGER, L.RAUCH, M.W.BECKMANN, M.MEGAHED, T.RUZICKA AND G.REIFENBERGER

1047 Squamous cell carcinoma developing in a 12-year-old boy with nonHallopeau–Siemens recessive dystrophic epidermolysis bullosa
H.KAWASAKI, D.SAWAMURA, F.IWAO, T.KIKUCHI, H.NAKAMURA, S.OKUBO, T.MATSUMURA AND H.SHIMIZU

1051 A case of childhood dermatofibrosarcoma protuberans without detected cytogenetic abnormality
R.M.STRAUSS, W.J.MERCHANT, P.ROBERTS, A.L.WRIGHT AND S.M.CLARK

Clinical cameos

1056 Subacute lupus erythematosus-like eruption due to terbinafine: report of three cases
V.A.HILL, J.CHOW, N.COWLEY AND R.A.MARSDEN

1057 Favus due to *Trichophyton schoenleinii* in a patient with metastatic bronchial carcinoma
R.CECCHI, S.PAOLI, A.GIOMI AND R.ROSSETTI

Correspondence

1058 A case of anti-p200 pemphigoid clinically mimicking inflammatory epidermolysis bullosa acquisita
N.UMEMOTO, T.DEMITSU, S.TODA, T.NOGUCHI, S-I.SUZUKI, M.KAKURAI, T.YAMADA, M.SUZUKI, H.NAKAGAWA, A.KOMAI AND T.HASHIMOTO

1060 Cutaneous Rosai–Dorfman disease: remission with thalidomide treatment
J-W.TJIU, C-H.HSIAO AND T-F.TSAI

1061 Classic Kaposi's sarcoma of the palm in a metallurgist: role of iron filings in its development?
T.SIMONART, G.DE DOBBELEER AND B.STALLENBERG

1063 Agranulocytosis and total scalp alopecia following acitretin
T.A.CHAVE, N.J.MORTIMER AND P.E.HUTCHINSON

1064 Mucinous naevus with atypical features
J-H.LIM, S-H.CHO, H-O.KIM, C-W.KIM AND Y-M.PARK

1066 Delayed presentation of persistent unilateral cutaneous mottling of the arm following coarctation of the aorta
I.C.PEARSON AND C.A.HOLDEN

1068 Adult staphylococcal scalded skin syndrome: histological pitfalls and new diagnostic perspectives
C.M.DOBSON AND C.M.KING

1069 Sarcomatoid carcinoma of the liver with skin and pleural metastases
W.NISHIE, M.ITOYO, T.KOSHIYAMA AND T.KUSAMA

1071 Exudative hyponychial dermatitis associated with capecitabine and docetaxel combination chemotherapy for metastatic breast carcinoma: report of three cases
G-Y.CHEN, T-W.CHANG AND W-C.CHEN

1073 Acute pigmentation due to minocycline therapy in atopic dermatitis
S.NAKAMURA, H.YOKOZEKI AND K.NISHIOKA

1074 Phakomatosis pigmentokeratotica associated with hypophosphataemic vitamin D-resistant rickets: improvement in phosphate homeostasis after partial laser ablation
A.SARASWAT, S.DOGRA, A.BANSALI AND B.KUMAR

1076 Azathioprine hypersensitivity in a patient with peripheral demyelinating polyneuropathy
R.HINRICHS, L.A.SCHNEIDER, C.ÖZDEMIR, G.STAIB AND K.SCHARFFETTER-KOCHANEK

1077 Hold on the amputation
D.DE BERKER

1078 Hold on the amputation: reply from authors
C.M.DOBSON, R.M.AZURDIA AND C.M.KING

1079 Cryoglobulinaemic vasculitis, cryofibrinogenaemia and low-grade B-cell lymphoma
A.L.KRUNIC, M.M.MEDENICA, A.E.LAUMANN AND J.C.SHAW

1081 BDS Melanoma Guidelines
M.MIDDLETON, A.L.HARRIS, H.KURWA, P.MILLARD, K.HOLLOWOOD AND O.CASSELL

1082 BDS Melanoma Guidelines: reply from authors
J.A.NEWTON BISHOP, P.G.CORRIE, J.EVANS, M.E.GORE, P.N.HALL, N.KIRKHAM, ON BEHALF OF THE MELANOMA STUDY GROUP, D.L.L.ROBERTS, A.V.ANSTEY, R.J.BARLOW AND N.H.COX ON BEHALF OF THE BRITISH ASSOCIATION OF DERMATOLOGISTS

1082 Zinc sulphate for viral warts
S.GIBBS

1083 Zinc sulphate for viral warts: reply from authors
K.E.SHARQUIE, M.AL-WAIZ AND F.AL-GURAIRI

1083 Genital lichen sclerosus, squamous cell carcinoma and circumcision
G.P.THAMI AND S.KAUR

1084 A case of naevus lipomatosus cutaneus superficialis of the scalp associated with pedunculated basal cell carcinoma
A.MAEDA, Y.ARAGANE, K.UENO, F.YAMAZAKI, A.KAWADA AND T.TEZUKA

1086 Cosmetic Dermatology Principles and Practice
REVIEWED BY N.J. LOWE

1087 News and Notices

Volume 148, Number 6, June

Topical review

1089 Metal sensitivities and orthopaedic implants revisited: the potential for metal allergy with the new metal-on-metal joint prostheses
D.J.GAWKRODGER

Original articles

Cutaneous Biology

1094 A tissue-engineered endothelialized dermis to study the modulation of angiogenic and angiostatic molecules on capillary-like tube formation *in vitro*
V.HUDON, F.BERTHOD, A.F.BLACK, O.DAMOUR, L.GERMAIN AND F.A.AUGER

1105 Evidence for modulation of human epidermal differentiation and remodelling by CD40
M.CONCHA, M.A.VIDAL, I.MORENO, C.SALEM, C.D.FIGUEROA, D.SCHMITT AND J.PÉGUET-NAVARRO

1115 Different effects of interferon-α on melanoma cell lines: a study on telomerase reverse transcriptase, telomerase activity and apoptosis
E.MAELLARO, L.PACENTI, B.DEL BELLO, M.A.VALENTINI, P.MANGIAVACCHI, C.DE FELICE, P.RUBEGNI, P.LUZI AND C.MIRACCO

1125 A novel mutation in the keratin 4 gene causing white sponge naevus
S-C.CHAO, Y-M.TSAI, M-H.YANG AND J.Y-Y.LEE

Clinical and Laboratory Investigations

1129 Analysis of risk factors for acute cutaneous graft-versus-host disease after allogeneic stem cell transplantation
E.VARGAS-DÍEZ, J.FERNÁNDEZ-HERRERA, A.MARÍN, R.CÁMARA AND A.GARCÍA-DÍEZ

1135 Somatostatin analogue scintigraphy in Merkel cell tumours
B.K.DURANI, A.KLEIN, M.HENZE, U.HABERKORN AND W.HARTSCHUH

1141 The role of T lymphocytes and cytokines in the pathogenesis of pemphigoid gestationis
P.FABBRI, M.CAPRONI, S.BERTI, B.BIANCHI, L.AMATO, O.DE PITÀ AND A.FREZZOLINI

1149 Emollients and the response of facial skin to a cold environment
A.THORLEIFSSON AND H.C.WULF

Epidemiology and Health Services Research

1153 Willingness to pay and time trade-off: sensitive to changes of quality of life in psoriasis patients?
R.SCHIFFNER, J.SCHIFFNER-ROHE, M.GERSTENHAUER, F.HOFSTÄDTER, M.LANDTHALER AND W.STOLZ

1161 Basal cell carcinoma, squamous cell carcinoma and melanoma of the skin: analysis of the Singapore Cancer Registry data 1968–97
D.KOH, H.WANG, J.LEE, K.S.CHIA, H.P.LEE AND C.L.GOH

1167 Treating Bowen's disease: a cost-minimization study
V.S.RAMRAKHA-JONES AND R.M.HERD

Paediatric Dermatology

1173 Significance of extensive Mongolian spots in Hunter's syndrome
T.OCHIAI, K.ITO, T.OKADA, M.CHIN, H.SHICHINO AND H.MUGISHIMA

Photobiology

1179 Kinetics of the superficial perfusion and temperature in connection with photodynamic therapy of basal cell carcinomas using esterified and non-esterified 5-aminolaevulinic acid
S.PÅLSSON, L.GUSTAFSSON, N.BENDSOE, M.SOTO THOMPSON, S.ANDERSSON-ENGELS AND K.SVANBERG

1189 Immunoprotective haem oxygenase induction by ultraviolet A (320–400 nm) radiation in the mouse is inhibited in interferon-γ null mice
V.E.REEVE AND D.DOMANSKI

1194 A randomized controlled trial of narrowband ultraviolet B vs. bath-psoralen plus ultraviolet A photochemotherapy for psoriasis
R.S.DAWE, H.CAMERON, S.YULE, I.MAN, N.J.WAINWRIGHT, S.H.IBBOTSON AND J.FERGUSON

Psychodermatology

1205 Female alopecia: the mediating effect of attachment patterns on changes in subjective health indicators
S.SCHMIDT

Therapeutics

1212 Addition of fexofenadine to a topical corticosteroid reduces the pruritus associated with atopic dermatitis in a 1-week randomized, multicentre, double-blind, placebo-controlled, parallel-group study
M.KAWASHIMA, T.TANGO, T.NOGUCHI, M.INAGI, H.NAKAGAWA AND S.HARADA

1222 Protein A immunoadsorption: a novel and effective adjuvant treatment of severe pemphigus
E.SCHMIDT, E.KLINKER, A.OPITZ, S.HERZOG, C.SITARU, M.GOEBELER, B.MANSOURI TALEGHANI, E-B.BRÖCKER AND D.ZILLIKENS

1230 Lithium gluconate 8% vs. ketoconazole 2% in the treatment of seborrhoeic dermatitis: a multicentre, randomized study
B.DRENO, O.CHOSIDOW, J.REVUZ, D. MOYSE AND THE STUDY INVESTIGATOR GROUP

Concise communications

1237 Cytokine gene polymorphisms in atopic dermatitis
K.REICH, G.WESTPHAL, I.R.KÖNIG, R.MÖSSNER, P.SCHUPP, C.GUTGESELL, E.HALLIER, A.ZIEGLER AND C.NEUMANN

1242 Tacrolimus 0.1% ointment for seborrhoeic dermatitis: an open-label pilot study
T.J.BRAZA, J.B.DICARLO, S.L.SOON AND C.O.MCCALL

Case reports

1245 Acute generalized exanthematous pustulosis in cystic echinococcosis: immunological characterization
C.CANNISTRACI, I.L.LA PAROLA, R.RIGANO, F.BASSETTI, E.ORTONA, B.SANTUCCI, M.PICARDO AND S.SIRACUSANO

1250 Sclerosing 'mucinous' blue naevus
F.RONGIOLETTI AND D.INNOCENZI

1253 Desmoplastic hairless hypopigmented naevus: a variant of giant congenital melanocytic naevus
R.RUIZ-MALDONADO, L.OROZCO-COVARRUBIAS, C.RIDAURA-SANZ, C.DURÁN-MCKINSTER, M.DEL MAR SÁEZ DE OCÁRIZ GUTIÉRREZ AND L.TAMAYO-SÁNCHEZ

1258 Extramammary Paget's disease with superimposed herpes simplex virus infection: immunohistochemical comparison with cases of the two respective diseases
O.YAMAMOTO AND H.YASUDA

1263 Congenital adrenal hyperplasia and acne in male patients
K.DEGITZ, M.PLACZEK, B.ARNOLD, H.SCHMIDT AND G.PLEWIG

Clinical cameos

1267 Gravitational erythema
C.M.PERRETT, J.BERTH-JONES AND B.DHARMA

1268 A case of lichen planus caused by mercury allergy
Y.KATO, R.HAYAKAWA, R.SHIRAKI AND K.OZEKI

Correspondence

1270 Reactive multiple keratoacanthoma in a patient with chronic renal insufficiency
S.HSU, A.N.HILL, N.CONRAD, A.C.WOOD AND J.A.REED

1271 A multiparametric approach is essential to define different clinicopathological entities within pseudopelade of Brocq
A.SALIM AND R.DAWBER

1271 A multiparametric approach is essential to define different clinicopathological entities within pseudopelade of Brocq: reply from authors
L.AMATO, S.MORETTI AND P.FABBRI

1272 Why digital follow-up of dermoscopically equivocal pigmented lesions should be discouraged
P.CARLI, V.DE GIORGI AND B.GIANNOTTI

1273 Mucosal involvement in classic Kaposi's sarcoma
F.COTTONI, M.V.MASALA, P.PIRAS, M.A.MONTESU AND D.CERIMELE

1274 Photodynamic therapy of sebaceous hyperplasia with topical 5-aminolaevulinic acid and slide projector
T.HORIO, O.HORIO, H.MIYAUCHI-HASHIMOTO, M.OHNUKI AND T.ISEI

1276 Absence of human herpesvirus-8 in glomeruloid haemangiomas associated with POEMS syndrome and Castleman's disease
G.OBERMOSER, C.LARCHER, J.A.SHELDON, N.SEPP AND B.ZELGER

1278 Size matters? Yes, but the terminology doesn't
N.H.COX

1279 What matters is simplicity and standardization: reply from authors
A.D.FERGUSON AND H.C.WILLIAMS

1279 In-column electrocoagulation for lymphatic malformation of the tongue
A.VILALTA, G.A.MORENO-ARIAS AND J.M.MASCARÓ

1282 Is there really no clear association between low serum ferritin and chronic diffuse telogen hair loss?
D.H.RUSHTON, R.DOVER AND M.J.NORRIS

1284 There is no clear association between low serum ferritin and chronic diffuse telogen hair loss: reply from authors
R.SINCLAIR

1284 Importance of trial design in studies using high-dose intravenous immunoglobulin
S.JOLLES AND J.HUGHES

1285 Importance of trial design in studies using high-dose intravenous immunoglobulin: reply from authors
C.PAUL AND L.DUBERTRET

1286 Ulceration of the penis due to *Absidia corymbifera*
A.KARAM, J-C.IANOTTO, J-P.METGES, J-R.EVEILLARD, J-P.LEROY, A-M.LE FLOHIC AND C.BERTHOU

1287 A case of port-wine stain associated with ipsilateral pneumosinus dilatans
B.DOGAN, O.TASKAPAN, Y.HARMANYERI, A.GÜNGÖR AND C.BASEKIM

Book review

1289 Handbook of systemic drug treatment in dermatology
REVIEWED BY ANTHONY D ORMEROD

1290 News and Notices

1291 British Society for Paediatric Dermatology 17th Annual Symposium, Bristol, 8–9 November 2002 Summaries of Papers

1295 Author Index

1314 Subject Index